







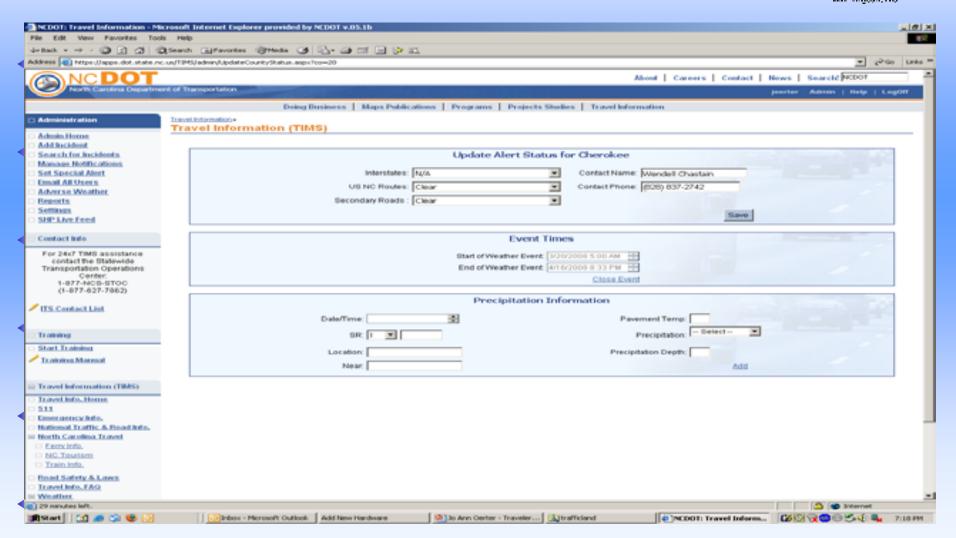




TIMS – WEATHER DATA









TIMS - GEOCODING



Willmington, NC



MCDOT Home | MC-gov



Administration

Admin.Home. Add incident

Search for Incidents Manage Notifications

For 24x7 TMS assistance contact the Statewide Transportation Operations Center: 1-877-NCS-STOC (1-877-627-7862)

IT'S Contact List

Training Manual

Titavet hoto, Home

in North Carolina Travel

Read Safety & Laws. Travel loto, FAG. Weather

Cental NO Yeather North Eastern NC Weather

Eerry Info.

NO Tourses Train Info.

Travel Information (TMIN)

Training Start Training

511 Directioncy left,

Set Special Alert Crewit Alt Sheers Adverse Weather Reports Settman SHP Live Feed Contact lide

TIMS - DEVICES





Wilmington, NC



TIMS - DEVICES



NCDOTHome | NC.sev



Wilmington, NC

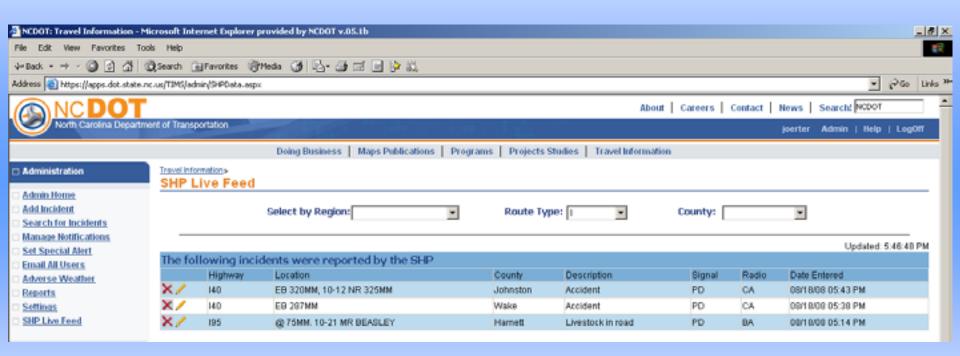




STATE TRANSPORTATION **OPERATIONS CENTER**

NCSHP CAD FEED







- TIMS SUPPORT
- **QUALITY CONTROL OF TIMS/511**









NC 511 SYSTEMS UPGRADES







- Transfer to TN & GA 511 service
- NC Laws Menu
- Rest Areas
- State Parks
- Automated Congestion vs. Operator **Input Congestion**
- Travel Times
- Incident Reporting System
- Real Time transit information for Chapel Hill; will expand to other Transit agencies.









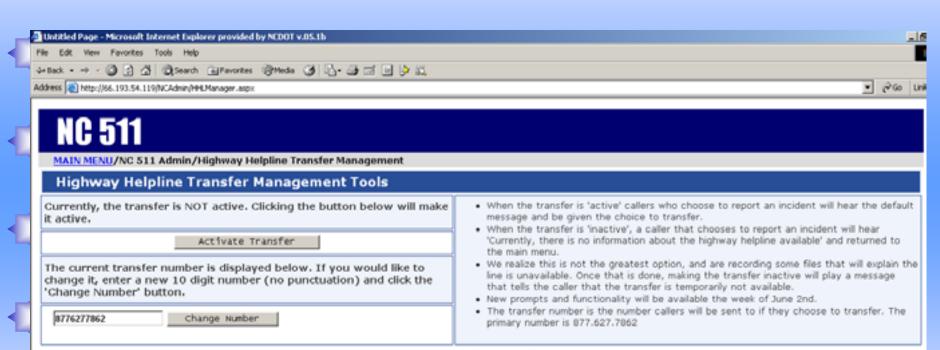




NC 511 SYSTEM













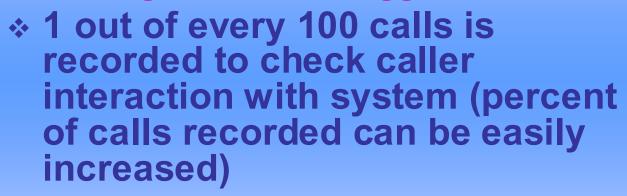
NC 511 SYSTEM -

VOICE RECOGNITION MONITORING





"negative" or a "suggestion"





- Feature can be activated at NCDOT request
 - Generates a .wav file for follow-up with customer









TrafficLand



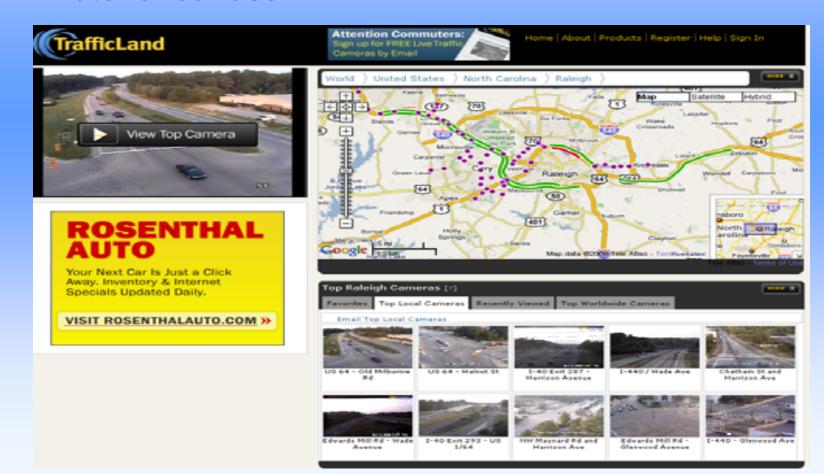


NCDOT provides access to our cameras

Wilmington, NC



TrafficLand will give us images at a 2 to 3 sec refresh rate for our use







Traffic.com















- ❖ Federal program that provides up to \$2 million to install pole mounted sensors in the most heavily congested and populous areas in the nation.
- ❖ Data can only be used for traffic management and generic travel information.
- ❖ NCDOT can buy the data from them.



Corridors of the Future





❖ Multi-state /Agency initiative

➤ The I-95 Corridor Coalition and the Florida, Georgia, North Carolina, South Carolina, and Virginia DOTs



- > \$21 million in Interstate Maintenance Discretionary (IMD) funds for improvements along the I-95 corridor
- > \$800,000 in Transportation, Community, and System Preservation (TCSP) funds for the North Carolina Interstate Congestion Detection System.

Project Description:

- ➤ The 5 states propose reconstruction and expansion of the 1,054 mile stretch of I-95 from Florida to Washington, D.C.
- ➤ Goal is to accommodate future demand, safety, and reliability. The projects proposed in the application submitted by the 5 states offer the potential for moderate to significant congestion reduction and mobility improvements along I-95 from Washington, D.C. to Florida.
- ➤ I-95 proposes ITS deployments along the corridor to meet the goals outlined in the application.















Corridors of the Future









- > DMS
- ➤ CCTV's
- > HAR's





Challenges:



- Short time line to prepare plans
- Logistics: power/communication



MANY THANKS TO GREG FULLER AND HIS ITS GROUP AND DIVISIONS 4 and 6 TO GET THIS PROJECT COMPLETED AND READY TO GO!!!!





I-95 Corridor Coalition Probe Project





- Utilizes GPS probe data
- Core project will cover from NJ to NC



Provide Congestion data and historical data to the states



Can use data for both traffic management and traveler information



Provides monitoring site to states



Can see entire corridor of data











Will expand to all interstates



Will get both congestion and flow data:



> Traffic Maps



> Travel Times



DMS



TIMS



511



> Traffic Management



Allows us to get data without installing infrastructure





NC's SILVER ALERT





HOUSE BILL 38

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AN ACT TO PROVIDE FOR A PUBLIC ALERT TO BE ISSUED WHEN A PERSON WITH DEMENTIA OR OTHER COGNITIVE IMPAIRMENT IS REPORTED MISSING, TO INCLUDE CAREGIVERS AMONG THOSE WHO CAN REPORT AN INDIVIDUAL MISSING, TO MAKE TECHNICAL AND CONFORMING CHANGES TO THE PROVISIONS CONCERNING THE NORTH CAROLINA CENTER FOR MISSING PERSONS, AND TO EXEMPT EMS WORKERS LOCATING MISSING PERSONS FROM THE PRIVATE PROTECTIVE SERVICES ACT.

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The General Assembly of North Carolina enacts:

SECTION 1. G.S. 143B-499 reads as rewritten:

SECTION 5. Part 5A of Article 11 of Chapter 143B of the General Statutes is amended by adding a new section to read:

"§ 143B-499.8. North Carolina Silver Alert System established.

(a) There is established within the North Carolina Center for Missing Persons the Silver Alert System. The purpose of the Silver Alert System is to provide a statewide system for the rapid dissemination of information regarding a missing person who is believed to be suffering from dementia or other cognitive impairment.

(b) If the Center receives a report that involves a missing person who is believed to be suffering from dementia or other cognitive impairment, for the protection of the missing person from potential abuse or other physical harm, neglect, or exploitation, the Center shall issue an alert providing for rapid dissemination of information statewide regarding the missing person. The Center shall make every effort to disseminate the information as quickly as possible when the missing person is 18 years of age or older, and the person's status as missing has been reported to a law enforcement agency.

(c) The Center shall adopt guidelines and develop procedures for issuing an alert for missing persons believed to be suffering from dementia or other cognitive impairment and shall provide education and training to encourage radio and television broadcasters to participate in the alert. The guidelines and procedures shall ensure that specific health information about the missing person is not made public through the alert or otherwise.



(d) The Center shall consult with the Department of Transportation and develop a procedure for the use of overhead permanent changeable message signs to provide information on the missing adult meeting the criteria of this section when information is available that would enable motorists to assist in the recovery of the missing person. The Center and the Department of Transportation shall develop guidelines for the content, length, and frequency of any message to be placed on an overhead permanent changeable message sign."





NC's SILVER ALERT

STANDARD OPERATING PROCEDURES:





Do not post DMS signs in any Division



- Record 511 Floodgate with information about Silver Alert and let run for a period no longer than 24 hours
- Do not call Divisions



- Post Special Alert on main page of TIMS with NCCMP Silver Alert page link for a period no longer than 24 hours.
- Do not email All Amber Group



STOC will post non-vehicle information Silver Alert notifications on DMS, on a case by case basis based on communications with NCCMP



SILVER ALERT WITH VEHICLE INFORMATION

Post DMS signs for a period no longer than 12 hours statewide.





Post Special Alert on main page of TIMS with NCCMP Silver Alert page link for a period no longer than 48 hours.



 Use Silver Alert template to email All Amber Group



Conference for Mability and States





NC's AMBER ALERT







GENERAL ASSEMBLY OF NORTH CAROLINA

SESSION 2003



HOUSE BILL 478

RATIFIED BILL



AN ACT TO AMEND THE LAW REGARDING THE NORTH CAROLINA CHILD ALERT NOTIFICATION (NC CAN) SYSTEM AND TO RENAME THAT SYSTEM THE AMBER ALERT SYSTEM.



The General Assembly of North Carolina enacts:

SECTION 1. G.S. 143B-499.1 reads as rewritten:





A law-enforcement agency, upon receipt of a missing person report by a parent, spouse, guardian, or legal custodian, shall immediately make arrangements for the entry of data about the missing person or missing child into the national missing persons file in accordance with criteria set forth by the FBI/NCIC, immediately inform all of its on-duty law-enforcement officers of the missing person report, initiate a statewide broadcast to all appropriate law-enforcement agencies to be on the lookout for the individual, and transmit a copy of the report to the Center.

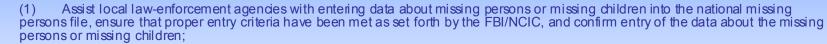
• If the report involves a missing child and the report meets the criteria established in G.S. 143B-499.7 (b), as soon as practicable after receipt of the report, the law enforcement agency shall notify the Center and the National Center for Missing and Exploited Children of the relevant data about the missing child."



SECTION 2. G.S. 143B-499.2 reads as rewritten:

"§ 143B-499.2. Responsibilities of Center.

The Center shall:





- (2) Gather and distribute information and data on missing children and missing persons;
- (3) Encourage research and study of missing children and missing persons, including the prevention of child abduction and the prevention of the exploitation of missing children;
- (4) Serve as a statewide resource center to assist local communities in programs and initiatives to prevent child abduction and the exploitation of missing children;
 - (5) Continue increasing public awareness of the reasons why children are missing and vulnerability of missing children;
 - (6)



NC's AMBER ALERT







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"§ 143B-499.7. North Carolina Child Alert Notification AMBER Alert System established.

- (a) There is established within the North Carolina Center for Missing Persons the North Carolina Child Alert Notification System (NC CAN). AMBER Alert System. The purpose of NC CAN AMBER Alert is to provide a statewide system for the rapid dissemination of information regarding abducted children.
- (b) The NC CAN AMBER Alert System shall make every effort to disseminate information on missing children as quickly as possible when the following criteria are met:
- (1) The child is 12<u>17</u> years of age or younger;
 - (2) The child is believed to have been abducted;
 - (3) The child is believed to be in danger of injury or death:
- (4) The abduction is not known or suspected to be by a parent of the child; child, unless the child's life is suspected to be in danger of injury or death;
 - (4a) The child is believed:
- <u>a.</u> <u>To have been abducted, or</u>
 - b. To be in danger of injury or death;
 - (5) The child is not a runaway or voluntarily missing; and
 - (6) The abduction has been reported to and investigated by a law enforcement agency.
- The NC CAN System may disseminate information on missing children who are ages 13 to 17 on a case-by-case basis, if all other criteria in subdivisions (2) through (6) of this subsection have been met, if the Center believes the dissemination of the information to be beneficial in the possible recovery of the missing child.
- If the abduction of the child is known or suspected to be by a parent of the child, the Center, in its discretion, may disseminate information through the NC CAN AMBER Alert System if the child is believed to be in danger of injury or death.
 - (c) The Center shall adopt guidelines and develop procedures for the statewide implementation of the NC CAN <u>AMBER Alert System</u> and shall provide education and training to encourage radio and television broadcasters to participate in the System. The Center shall work with the Department of Justice in developing training material regarding the NC CAN<u>AMBER Alert System for law enforcement, broadcasters, and community interest groups.</u>
 - (d) The Center shall consult with the Department of Transportation and develop a procedure for the use of overhead permanent changeable message signs to provide information on the abduction of a child meeting the criteria established in subsection (b) of this section, when information is available that would enable motorists to assist law enforcement in the recovery of the missing child. The Center and the Department of Transportation shall develop guidelines for the content, length, and frequency of any message to be placed on an overhead permanent changeable message sign.











NC's AMBER ALERT

STANDARD OPERATING PROCEDURES:





AMBER ALERT WITHOUT VEHICLE INFORMATION

- **Record 511 Floodgate** with information about subject of Amber Alert and let run for a period no longer than 48 hours
- Post DMS signs for a period no longer than 12 hours in Division(s) requested by NCCMP.
- Post Special Alert, with Notifications box checked, on main page of TIMS with NCCMP Amber Alert page link until Alert is over
- Use Amber Alert template to email All Amber Group

AMBER ALERT WITH VEHICLE INFORMATION

- Record 511 Floodgate with information about Amber Alert and let for a period no longer than 7 days.
- Post DMS signs, for a period no longer than 72 hours, in Division(s) requested by NCCMP.
 - Post Special Alert, with Notifications box checked, on main page of TIMS with NCCMP Amber Alert page link until Alert is over
 - Use Amber Alert template to email All Amber Group



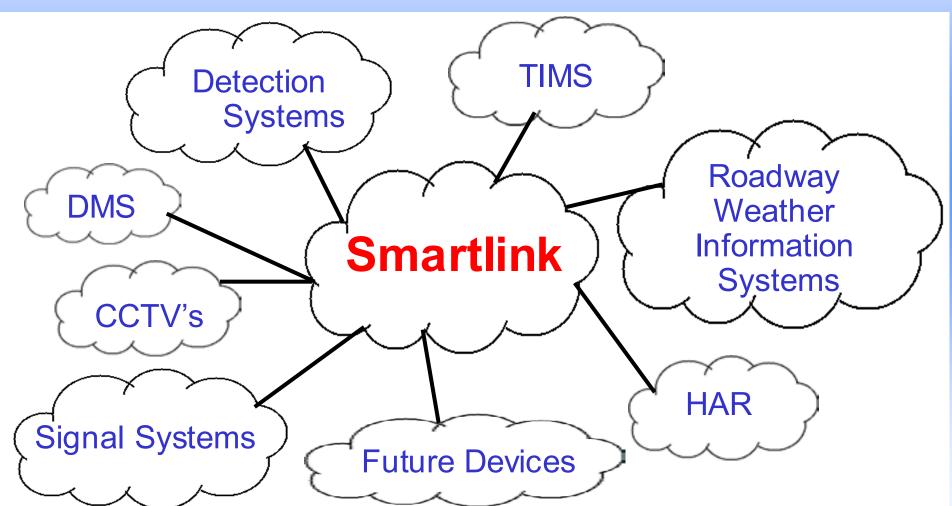
AMBER ALERT CALL 511 FOR INFO





SMARTLINK







DMS POLICY



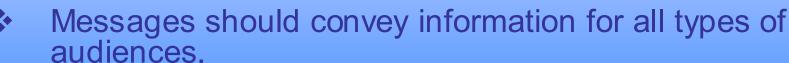


Includes all DMS/CMS. ITS, Construction, Maintenance, etc. uses.





Applies to NCDOT and non-NCDOT entities that operate DMS/CMS on NCDOT right of way.





Division Engineers are responsible for ensuring that DMS/CMS in their Division adhere to the policy. The use of DMS/CMS within NCDOT right of way by entities other than NCDOT is prohibited without the express written approval of the Division Engineer prior to operation.



Display time went from 4 sec to 3 sec.



The display format for DMS/CMS shall not include fading, exploding, dissolving, moving messages, animation, flashing, scrolling messages, or other dynamic elements, except for flashing arrows that may be used on truck mounted CMS only.





DMS POLICY





No advertising messages, jingles, slogans, etc.





No phone numbers (other than 511), web sites, or mailing addresses shall not be displayed on DMS/ČMS.



Defines directional abbreviations (N, S, E, or W)



Defines the Character parameters for the messages and the panels



No more than **TWO** displays should be used within ANY message cycle.



Addresses Sign placement and readability.



Modified the Test Message



Cost recoup from other agencies



Resources



Personnel